

# Technology Readiness Assessment Reporting

## Outbrief Template

# TRA Outbrief Content Outline

- Purpose of Briefing Package
- Program Overview
  - Program Objective
  - Program Description
  - System Description
- Technology Readiness Assessment
  - Process Description
  - TRA Panel Membership
  - Identification of Critical Technology Elements
  - Assessment of CTE Maturity
    - CTE 1 Maturity Description & Rationale
    - CTE 2 Maturity Description & Rationale
    - . . .
    - CTE N Maturity Description & Rationale
  - Technology Demonstration Schedule
  - Summary of TRLs by Technology
- Conclusion
- Feedback / Concerns

# Approach

- TRA Outbrief Will Consist of Annotated PowerPoint Slides
  - Highlight major points on the main section of the slide
  - Provide detailed descriptive information in the notes section of each slide
  - Use additional slides as required to include sufficient relevant information so that the brief can “stand on it’s own”

# Canonical Template Slides

- Following set of templates will be used as for DON TRA outbriefs

# Purpose of Briefing Package

- TRA information:
  - Program name
  - Program Office Name
  - Program ACAT Level
  - Program Milestone Level & Date
  - Prior TRAs Completed on Program
  - Milestone Approval Authority
    - ASN(RDA), USD(ATL) etc

# Program Overview

- Program Overview
- Program Background & History
- Program End User

# Program Objective

- Program Objectives

# Program Description

- Program Description
- Program Schedule / Milestones
- Related Programs



# System Description

- System Overview
- System Definition
- System Diagram
- Relationships with & Dependencies on Other Systems

# Technology Readiness Assessment

- Process Description

# TRA Panel Membership

- Chair / Organization / Specialization
- Members / Organization / Specialization

# Critical Technology Elements

- CTE Identification
  - Capability Being Addressed
  - Specific Technology
  - TRL rating

# Assessment of Maturity

- CTE 1
  - CTE description
  - TLR
  - Rationale for TRL

# Assessment of Maturity

- CTE 2
  - CTE description
  - TLR
  - Rationale for TRL

# Assessment of Maturity

- CTE N
  - CTE description
  - TLR
  - Rationale for TRL

# Technology Demonstration Schedule

- Schedule showing Technology Demonstration Events (past and future)



# Evaluation Summary

- Technology Readiness Level Assessment
  - CTE
  - Capability
  - TRL at Current Milestone
  - TRL at Next Milestone

# TRA Conclusions

# Feedback / Concerns

- Feedback/Concerns by applicable parties (PM/DASN/CNR/DDR&E)
  - If a DASN or DDR&E has concerns or exceptions to the TRA, those thoughts/concerns/recommendations are captured and presented at the out brief